Release notes- November 2019

Dear Customer,

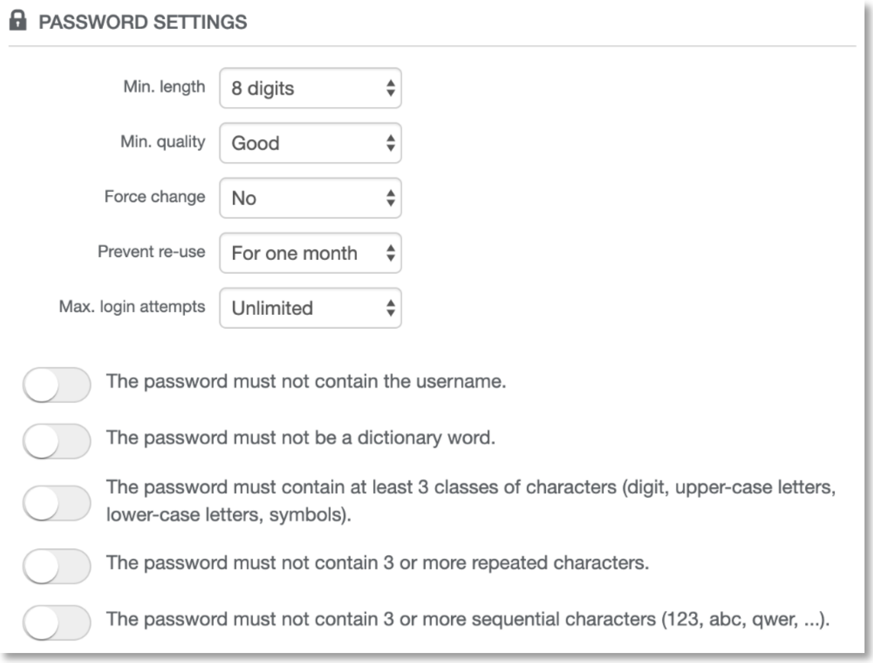
This month we have some great news: We've simplified and improved a few important features around User Passwords and Credentials Recovery. Trust Room Managers now have an automated Emergency Code process, and Users have a better self-help interface **to do their own Username, Password, and Trust Room Name recovery.**

For Trust Room Managers:

New Password Strength Policies

You can now define not only the minimum length and the required strength (*) of the passwords used inside your Trust Room(s) by users, but you can also define some additional granularity to those rules, in order to make them more secure.

You can find these Trust Room policy editing settings under: Administration > Settings > Edit

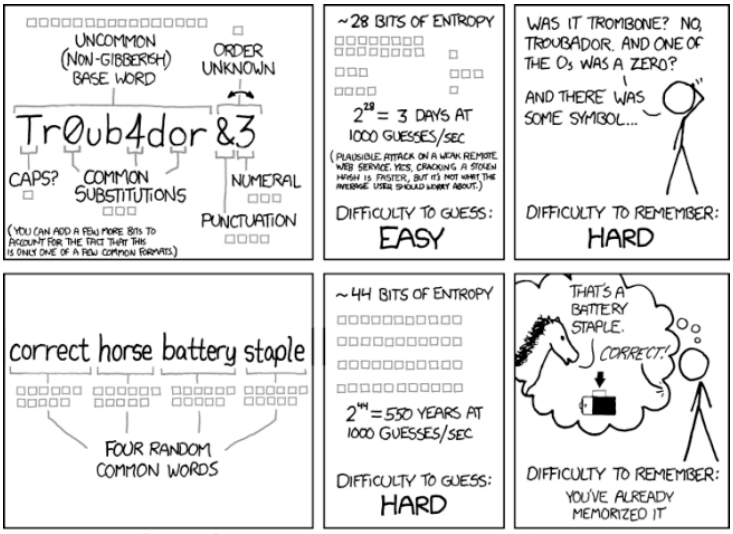


PASSWORD SETTINGS

Min. length	8 digits
Min. quality	Good
Force change	No
Prevent re-use	For one month
Max. login attempts	Unlimited

- The password must not contain the username.
- The password must not be a dictionary word.
- The password must contain at least 3 classes of characters (digit, upper-case letters, lower-case letters, symbols).
- The password must not contain 3 or more repeated characters.
- The password must not contain 3 or more sequential characters (123, abc, qwer, ...).

(*) One note about the strength of passwords.
Until recently, we measured strength in term of its complexity: i.e. In order to be strong, a password had to contain a combination of lower- and uppercase characters, digits and symbols. This often led to passwords which were difficult for the user to remember but actually easy for a computer to crack, as illustrated in the comic to the right:


UNCOMMON (NON-GIBBERISH) BASE WORD
ORDER UNKNOWN
Tr0ub4dor &3
CAPS?
COMMON SUBSTITUTIONS
NUMERAL
PUNCTUATION
(YOU CAN ADD A FEW MORE BITS TO ACCOUNT FOR THE FACT THAT THIS IS ONLY ONE OF A FEW COMMON FORMATS.)
~28 BITS OF ENTROPY
2^{28} = 3 DAYS AT 1000 GUESSES/SEC
(PLAUSIBLE ATTACK ON A WEAK REMOTE WEB SERVICE. YES, CRACKING A STOLEN HASH IS FASTER, BUT IT'S NOT WHAT THE AVERAGE USER SHOULD WORRY ABOUT.)
DIFFICULTY TO GUESS: EASY
WAS IT TROMBONE? NO, TROUBADOR. AND ONE OF THE Os WAS A ZERO?
AND THERE WAS SOME SYMBOL...
DIFFICULTY TO REMEMBER: HARD
correct horse battery staple
FOUR RANDOM COMMON WORDS
~44 BITS OF ENTROPY
2^{44} = 550 YEARS AT 1000 GUESSES/SEC
DIFFICULTY TO GUESS: HARD
THAT'S A BATTERY STAPLE.
CORRECT!
DIFFICULTY TO REMEMBER: YOU'VE ALREADY MEMORIZED IT

THROUGH 20 YEARS OF EFFORT, WE'VE SUCCESSFULLY TRAINED EVERYONE TO USE PASSWORDS THAT ARE HARD FOR HUMANS TO REMEMBER, BUT EASY FOR COMPUTERS TO GUESS.

For this reason, we have chosen to change these metrics and measure the complexity of passwords based on their "entropy" (for more information, you can read the Wikipedia "password strength" article).

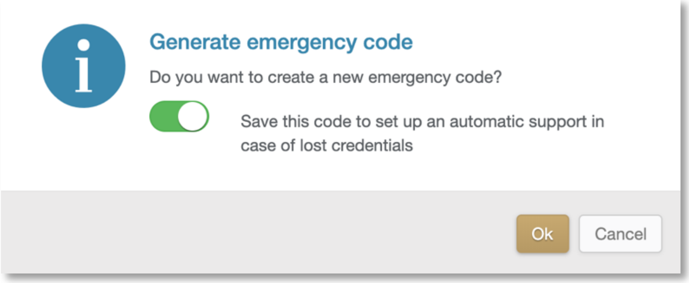
In order to protect your account, We suggest that you always use a minimum of 2-factor authentication (One-time password or SMS TAN code) and use a password manager for managing and generating your passwords.

Please note that this change and these new rules only affect new passwords. You won't be forced to change your existing password, unless your Managers increase the required password strength.

Simplified Emergency Code Generation (with lost credentials key)

Long ago we introduced the "lost credentials key" feature, which allowed an automatic generation of new passwords, should your Trust Room users ask to recover them with the "Lost credentials" form.
This optional feature was originally designed for those Trust Room environments, with users working around the clock -- where the Trust Room Managers cannot provide immediate support in case of required credentials recovery.

We have made this process much more user friendly, and have added a flag at the generation of the Emergency Code, so that you can save directly it as "Lost credentials key" without having to copy and paste it manually:



Generate emergency code

Do you want to create a new emergency code?

Save this code to set up an automatic support in case of lost credentials

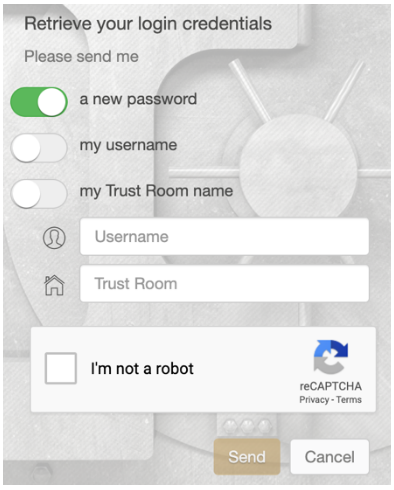
Release notes- November 2019

For Trust Room Users/Clients

Lost credentials: Simplified User Login Name, Password and Trust Room Name recovery

We know that everyone can forget their Usernames, Password. Sometimes, you may not only forget your password but also the name of your Trust Room Community.

For this reason, we have improved the “Lost credentials” process, and given it a more intuitive interface:



Retrieve your login credentials

Please send me

● a new password

○ my username

○ my Trust Room name

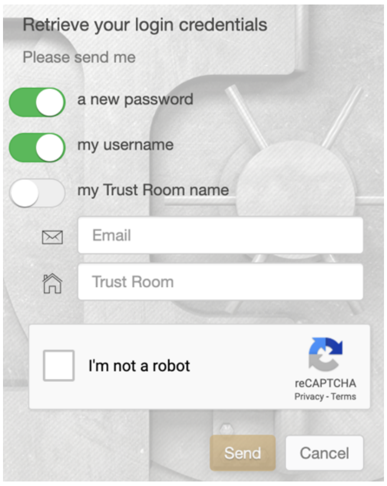
Username

Trust Room

□ I'm not a robot

reCAPTCHA
Privacy - Terms

Send Cancel



Retrieve your login credentials

Please send me

● a new password

● my username

○ my Trust Room name

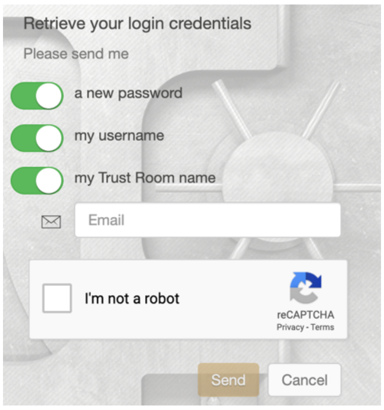
Email

Trust Room

□ I'm not a robot

reCAPTCHA
Privacy - Terms

Send Cancel



Retrieve your login credentials

Please send me

● a new password

● my username

● my Trust Room name

Email

□ I'm not a robot

reCAPTCHA
Privacy - Terms

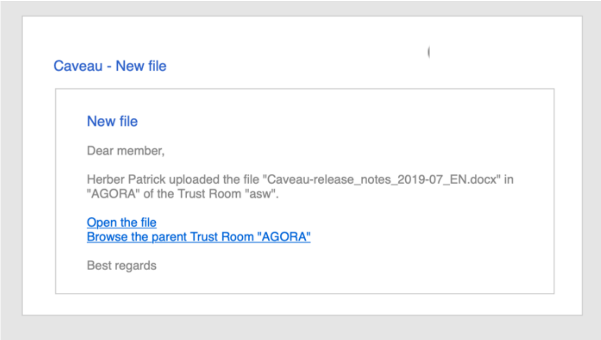
Send Cancel

Based on the credential forgotten, the form will auto populate based on your recovery needs.

One last thing: refreshed look and feel to email notifications

During this season, in many parts of the world, our customers are seeing the wonderful changing of colors in the leaves on the trees. We thought it would also be nice if our email notifications would be a bit brighter with YOUR colors. Email Notification colors will match the color theme chosen inside your Trust Room. We have also made a few slight design changes to help recipients navigate a bit better:

Before



Caveau - New file

New file

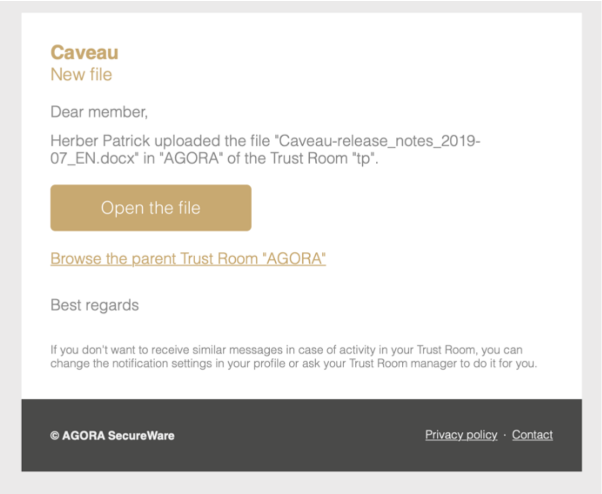
Dear member,

Herber Patrick uploaded the file "Caveau-release_notes_2019-07_EN.docx" in "AGORA" of the Trust Room "asw".

Open the file
Browse the parent Trust Room "AGORA"

Best regards

Now



Caveau
New file

Dear member,

Herber Patrick uploaded the file "Caveau-release_notes_2019-07_EN.docx" in "AGORA" of the Trust Room "tp".

Open the file

Browse the parent Trust Room "AGORA"

Best regards

If you don't want to receive similar messages in case of activity in your Trust Room, you can change the notification settings in your profile or ask your Trust Room manager to do it for you.

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Finally, we would like to repeat that your feedback is always very important for us.

Please let us know if you have any new product/service requirements or usability improvements or perhaps key integration needs where our platform may better support your work. We will do our best to prioritize and roadmap them for you. Thanks for your continued valuable input.

Enjoy secure collaboration on our platform.

Best regards,

AGORA SecureWare
info@agora-secureware.ch

October 31th, 2019